

ABSTRACT

A method for carrying out operating tests of vibration level switches for liquids or solid bulk material or mixtures thereof is provided, whereby a vibration resonator (1) of a level detection sensor is excited by an oscillation exciting feedback circuit to oscillate, whereby at least one excitation parameter of a plurality of signal processing blocks (5, 6, 7, 8, 9, 10) of the feedback circuit is varied, and the resulting oscillation change is compared by a microprocessor (14) to datasets comprising data of corresponding oscillation changes of a failure free system. Moreover, a vibration level switch for measuring the level in containers for carrying out the inventive method is provided.

(Fig. 1)